

# INTERNATIONAL SEARCH REPORT

Application No  
PCT/GB2005/000698

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B26/10 G02B27/28 H04N3/09 H01Q15/00 H01Q15/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B H04N H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/075554 A (REMTONS LIMITED; LETTINGTON, ALAN, L) 12 September 2003 (2003-09-12) page 9; claim 9; figure 8	1-7
X	US 6 259 414 B1 (LETTINGTON ALAN H) 10 July 2001 (2001-07-10)	1
A	abstract; figures	2-7
X	US 4 387 952 A (SLUSHER ET AL) 14 June 1983 (1983-06-14)	1
A	abstract; figures	2-7
X	DE 101 33 847 A1 (RODENSTOCK PRAEZISIONSOPTIK GMBH & CO. KG) 6 February 2003 (2003-02-06)	1
A	abstract; figures	2-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

30 May 2005

Date of mailing of the international search report

13. 10. 2004

Name and mailing address of the ISA

European Patent Office, P.E. 5818 Patentaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Ward, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 516 722 A (GUNTER PUSCH) 23 June 1970 (1970-06-23)	1
A	abstract; figures -----	2-7
X	US 4 923 263 A (JOHNSON ET AL) 8 May 1990 (1990-05-08)	1
A	abstract; figures -----	2-7
X	EP 0 323 026 A (SYMBOL TECHNOLOGIES, INC) 5 July 1989 (1989-07-05)	1
A	abstract; figures -----	2-7
X	US 3 619 028 A (WAYNE H. KEENE ET AL) 9 November 1971 (1971-11-09)	1
A	abstract; figures -----	2-7
X	US 4 042 933 A (LAPP ET AL) 16 August 1977 (1977-08-16)	1
A	abstract; figures -----	2-7
X	US 6 587 246 B1 (ANDERTON RUPERT N ET AL) 1 July 2003 (2003-07-01)	1
A	abstract; figures -----	2-7
X	US 5 786 924 A (BLACK ET AL) 28 July 1998 (1998-07-28)	1
A	abstract; figures -----	2-7
A	WO 03/012524 A (LETTINGTON, ALAN, H) 13 February 2003 (2003-02-13)	1-7
	abstract; figures -----	
A	WO 03/009048 A (THE UNIVERSITY OF READING; LETTINGTON, ALAN) 30 January 2003 (2003-01-30)	1-7
	abstract; figures -----	

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

Scanning apparatus with first and second counter-rotating  
discs or mirrors  
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2. claims: 8-15

Drum scanning apparatus  
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Application No  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03075554	A	12-09-2003	AU 2003215718 A1 CA 2474936 A1 CN 1633801 A EP 1474916 A1 JP 2005519338 T US 2005122556 A1	16-09-2003 12-09-2003 29-06-2005 10-11-2004 30-06-2005 09-06-2005
US 6259414	B1	10-07-2001	AU 7056598 A EP 0975990 A1 WO 9847020 A1 JP 2001521626 T	11-11-1998 02-02-2000 22-10-1998 06-11-2001
US 4387952	A	14-06-1983	NONE	
DE 10133847	A1	06-02-2003	WO 03009047 A2	30-01-2003
US 3516722	A	23-06-1970	BE 712224 A CH 477139 A DE 1282675 B NL 6804008 A	15-07-1968 15-08-1969 23-09-1968
US 4923263	A	08-05-1990	NONE	
EP 0323026	A	05-07-1989	AU 2757188 A CA 1304504 C JP 1196682 A US 4871904 A	29-06-1989 30-06-1992 08-08-1989 03-10-1989
US 3619028	A	09-11-1971	NONE	
US 4042933	A	16-08-1977	NONE	
US 6587246	B1	01-07-2003	AT 261135 T AU 755031 B2 AU 5525899 A CA 2342612 A1 CZ 20010767 A3 DE 69915312 D1 DE 69915312 T2 EP 1110117 A1 ES 2216555 T3 WO 0014587 A1 HU 0104086 A2 JP 3321580 B2 JP 2002524767 T PL 346540 A1 ZA 200101761 A	15-03-2004 28-11-2002 27-03-2000 16-03-2000 17-07-2002 08-04-2004 17-02-2005 27-06-2001 16-10-2004 16-03-2000 28-03-2002 03-09-2002 06-08-2002 11-02-2002 03-06-2002
US 5786924	A	28-07-1998	US 5546214 A	13-08-1996
WO 03012524	A	13-02-2003	CA 2455682 A1 CN 1556935 A EP 1410094 A1 JP 2004537748 T US 2004164246 A1	13-02-2003 22-12-2004 21-04-2004 16-12-2004 26-08-2004
WO 03009048	A	30-01-2003	AT 285082 T CA 2454194 A1	15-01-2005 30-01-2003

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Application No  
PCT/GB2005/000698

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
W0 03009048	A	DE 60202297 D1	20-01-2005
		EP 1410093 A1	21-04-2004
		ES 2233837 T3	16-06-2005
		JP 2004536342 T	02-12-2004
		US 2004240019 A1	02-12-2004
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